

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing sheet is dated 11-13-00 and

Approved by the Draftsperson under 37 CFR 1.84 (a) (5) 2

Re ~~72~~ corrected by the Draftsman under 37 CFR 1.84(a)(4)(2) for the reasons indicated below. The Examiner will require submission of new corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

5. DRAWINGS: 37 CFR 1.84(c) Acceptable color for color drawings  
 Black ink: Color \_\_\_\_\_  
 \_\_\_\_\_ Drawings are not acceptable until pen/ink is dried.  
 \_\_\_\_\_ Erase \_\_\_\_\_  
 \_\_\_\_\_ Pen/ink and color black ink not permitted. (Figs) \_\_\_\_\_

6. PHOTOGRAPH: 37 CFR 1.84(b)  
 \_\_\_\_\_ 1. If necessary, it is required. (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Photograph may not be mounted. 37 CFR 1.84(c)  
 \_\_\_\_\_ Postcard, chart, etc. (Figs) \_\_\_\_\_

7. TYPE OF PAPER: 37 CFR 1.84(c)  
 \_\_\_\_\_ Paper not flexible, strong, white, and durable.  
 \_\_\_\_\_ (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Erasures, alterations, overwritings, interferences,  
 \_\_\_\_\_ folds, copy machine marks not accepted. (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Mylar, vellum paper is not acceptable (too thin).  
 \_\_\_\_\_ (Figs) \_\_\_\_\_

8. SIZE OF PAPER: 37 CFR 1.84(d) Acceptable sizes:  
 \_\_\_\_\_ 21 cm by 29.7 cm (DIN size A4)  
 \_\_\_\_\_ 21 cm by 27.9 cm (8 1/2 x 11 inches)  
 \_\_\_\_\_ A drawing sheet is not the same size.  
 \_\_\_\_\_ Sheets \_\_\_\_\_  
 \_\_\_\_\_ Drawings sheets not on acceptable size. (Figs) \_\_\_\_\_

9. MARGINS: 37 CFR 1.84(e) Acceptable margins:  
 \_\_\_\_\_ Top 2.5 cm Left 2.5 cm Right 1 cm Bottom 1 cm  
 \_\_\_\_\_ Size: A4 size  
 \_\_\_\_\_ Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1 cm  
 \_\_\_\_\_ Size: 8 1/2 x 11  
 \_\_\_\_\_ Margins not acceptable. (Figs) 1 \_\_\_\_\_  
 \_\_\_\_\_ Top (L) \_\_\_\_\_ Left (L) \_\_\_\_\_  
 \_\_\_\_\_ Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_

10. VIEWS: 37 CFR 1.84(h)  
 REMINDER: Specification may require revision to  
 correspond to drawing changes.  
 Partial views: 37 CFR 1.84(h)(2)  
 \_\_\_\_\_ Brackets needed to show figure is one entity.  
 \_\_\_\_\_ (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Views not labeled separately or properly.  
 \_\_\_\_\_ (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Enlarged view not labeled separately or properly.  
 \_\_\_\_\_ (Figs) \_\_\_\_\_

11. SECTIONAL VIEWS: 37 CFR 1.84(h)(3)  
 \_\_\_\_\_ Half not indicated for sectional portions of an object.  
 \_\_\_\_\_ (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Sectional designation should be noted with Arabic or  
 \_\_\_\_\_ Roman numbers. (Figs) \_\_\_\_\_

12. ARRANGEMENT OF VIEWS: 37 CFR 1.84(i)  
 \_\_\_\_\_ Views do not appear in a horizontal, left-to-right fashion.  
 \_\_\_\_\_ The page is either upright or turned so that the top  
 \_\_\_\_\_ of the right side is except for graphs. (Figs) \_\_\_\_\_

13. WALL: 37 CFR 1.84(k)  
 \_\_\_\_\_ Cannot large enough to show mechanism without  
 \_\_\_\_\_ reducing when drawings reduced in size to two-thirds in  
 \_\_\_\_\_ reproduction.  
 \_\_\_\_\_ (Figs) \_\_\_\_\_

14. CHARACTERISTICS, NUMBERS, & LETTERS:  
 37 CFR 1.84(l)  
 \_\_\_\_\_ Lines, numbers & letters not uniformly thick and well  
 \_\_\_\_\_ defined, clean, durable, and black (poor line quality).  
 \_\_\_\_\_ (Figs) \_\_\_\_\_

15. SHADING: 37 CFR 1.84(m)  
 \_\_\_\_\_ Solid black areas: (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Solid black shading not permitted. (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Shading: (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Shading: (Figs) \_\_\_\_\_

16. NUMBERS, LETTERS, & LETTERS OF CHARACTERS:  
 37 CFR 1.84(p)  
 \_\_\_\_\_ Numbers and reference characters not plain and legible.  
 \_\_\_\_\_ (Figs) 1-4 \_\_\_\_\_  
 \_\_\_\_\_ (Figs) 1-4 \_\_\_\_\_  
 \_\_\_\_\_ Numbers and reference characters not oriented in the  
 \_\_\_\_\_ same direction as the view. 37 CFR 1.84(p)(1)  
 \_\_\_\_\_ (Figs) \_\_\_\_\_  
 \_\_\_\_\_ English alphabet not used. 37 CFR 1.84(p)(2)  
 \_\_\_\_\_ (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Numbers, letters and reference characters must be at least  
 \_\_\_\_\_ .02 inch (.5 mm) in height. 37 CFR 1.84(p)(3)  
 \_\_\_\_\_ (Figs) \_\_\_\_\_

17. HEADLINES: 37 CFR 1.84(q)  
 \_\_\_\_\_ Text lines cross each other. (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Text lines missing. (Figs) \_\_\_\_\_

18. NUMBERING OF SHEETS OF DRAWINGS: 37 CFR 1.84(r)  
 \_\_\_\_\_ Sheet not number red consecutively, and in Arabic numerals  
 \_\_\_\_\_ beginning with number 1. (Sheet 1) \_\_\_\_\_

19. NUMBERING OF VIEWS: 37 CFR 1.84(s)  
 \_\_\_\_\_ Views not number red consecutively, and in Arabic numerals,  
 \_\_\_\_\_ beginning with number 1. (Figs) \_\_\_\_\_

20. CORRECTIONS: 37 CFR 1.84(s)  
 \_\_\_\_\_ Corrections not made from prior PTO 048  
 \_\_\_\_\_ dated \_\_\_\_\_

21. DESIGN DRAWINGS: 37 CFR 1.152  
 \_\_\_\_\_ Surface shading not appropriate. (Figs) \_\_\_\_\_  
 \_\_\_\_\_ Solid black shading not used for color contrast.  
 \_\_\_\_\_ (Figs) \_\_\_\_\_

REVIEWER J. C. H. 150 DATE 3-31-03 TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO 15

## REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig 1A, Fig. 1B, Fig.1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 amendment at the time of submitting drawings.

## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

### 1. Correction of Drawings - 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawing should be filed as a separate paper with a transmittal letter addresses to the Official Draftsperson.

### 2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed change.

#### Timing of Corrections

Applicant is required to submit the drawings corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.